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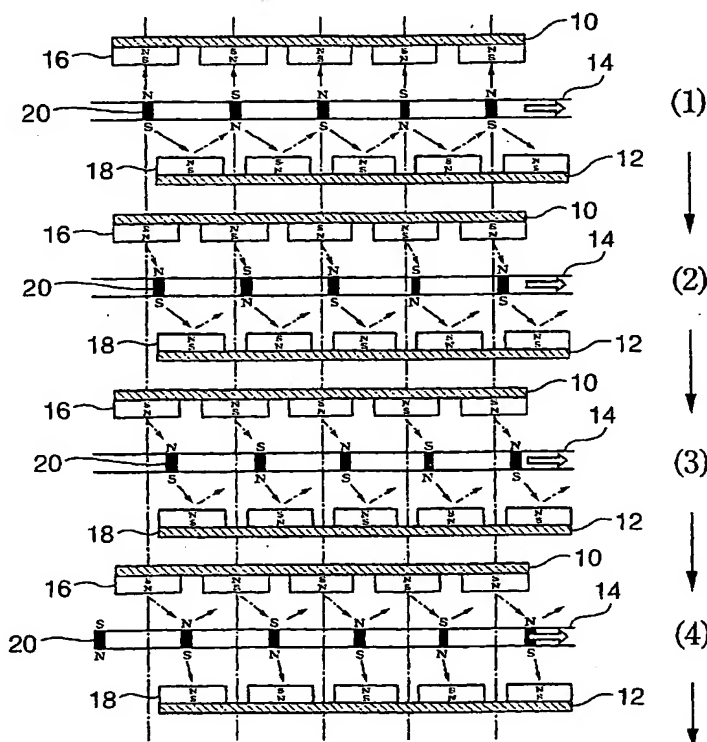
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(54) Title: **MAGNETIC STRUCTURE AND MOTOR EMPLOYING SAID MAGNETIC STRUCTURE, AND DRIVER COM-
PRISING SAID MOTOR**



(57) Abstract: Provided is a small motor su-
perior in weight/torque balance. A phase sta-
tor 10 and B phase stator 12 are disposed to
face each other. A rotor is interpositioned
between these stators. Electromagnetic coils
@ are provided to the stators evenly in the cir-
cumferential direction. A permanent magnet
is provided to the rotor evenly in the circum-
ferential direction. The exciting polarity of
the electromagnetic coil is alternately oppo-
site, and this is the same for the permanent
magnet. A signal having a prescribed fre-
quency is input to the A phase electromag-
netic coil and B phase electromagnetic coil.
The rotor rotates between the stators as a re-
sult thereof.

WO 2004/047258 A2